

Appendix E

Capital Improvements Plan

Capital Improvements Plan
 Scottsville Asset Inventory Report Phase 1 Proposed Projects
 City of Scottsville, KY

Phase 1 Proposed Projects (0-3 Years, 2012 - 2014)

Existing Infrastructure Projects			Growth-Driven Projects		
Project Title	Cost Estimate	Schedule	Project Title	Cost Estimate	Schedule
Spring Valley Sewer Phase II	\$700,000	August - November 2012			
Wastewater Treatment Plant Improvements No.1	\$1,160,000	October 2012 – March 2013			
31E North Pump Station Force Main Air Release Valve Replacement	\$8,500	July-12			
Annual Collection System SSES and Replacements/ Rehabilitation	\$230,000	January - December 2013			
Indian Hills Subdivision SSES and Replacement	\$130,000	March – April 2013			
2 nd Street and Maple Street SSES and Replacement and/or Rehabilitation	\$85,000	May-13			
Maple Street and Holland Drive SSES and Replacement and/or Rehabilitation	\$55,000	June-13			
31E South Pump Station Pump Replacement	\$50,000	July-13			
Burnley Road Pump Station Pump Replacement	\$35,000	August 2013			
Clark Farm Pump Station Pump Replacement	\$45,000	September-13			
Wastewater Treatment Plant Improvements No.2	\$475,000	September – December 2013			
Annual Collection System SSES and Replacements/ Rehabilitation	\$230,000	January - December 2014			
Colonial Manor Pump Station Replacement	\$265,000	March – May 2014			
Cottage Drive Pump Station Replacement	\$145,000	June – July 2014			
Wastewater Treatment Plant Improvements No.3	\$394,000	August – November 2014			
Total	\$4,007,500				
	(\$450,000)	KIA funding already allocated for Spring Valley Phase II			
	(\$600,000)	KIA funding already allocated for Wastewater Treatment Plant Improvements No.1			
Total Project Cost	\$2,957,500				

Phase 1 Proposed Rate Schedule (0-3 Years, 2012 - 2014)

Total Project Cost	\$2,957,500
Annual Debt Service (Includes 0.2% Administrative Fee)	\$167,210
20 years @ 1.2%	
Current number of customers = 1,630	
Future number of customers (Assume 0.9% growth annually)	1,674
Current rate (for 4,000 gallons/month)	\$31.19
Proposed rate increase (for 4,000 gallons/month)	\$8.32
Percent Increase	26.7%
Proposed rate (for 4,000 gallons/month)	\$39.51

Capital Improvements Plan
 Scottsville Asset Inventory Report Phase 2 Proposed Projects
 City of Scottsville, KY

Phase 2 Proposed Projects (4-6 Years, 2015 - 2017)

Existing Infrastructure Projects			Growth-Driven Projects		
Project Title	Cost Estimate	Schedule	Project Title	Cost Estimate	Schedule
Annual Collection System SSES and Replacements/ Rehabilitation	\$230,000	January - December 2015	Franklin Road Pump Station Force Main Replacement ⁴	\$155,000	February – March 2017
Water Street and Meador Lane SSES and Replacement and/or Rehabilitation	\$75,000	February-15	Franklin Road Pump Station Expansion ⁴	\$280,000	April – June 2017
Howell Drive and Hinton Avenue SSES and Replacement and/or Rehabilitation	\$75,000	March-15	US 231 North Sewer Line Extension ³	\$1,500,000	January 2018 – December 2019
Holt Drive Sewer Line Extension	\$365,000	April – July 2015	US 231 North Pump Station No.1 Force Main ³	\$415,000	May – August 2018
Wastewater Treatment Plant Improvements No.4	\$262,000	August – October 2015	US 231 North Pump Station No.1 ³	\$420,000	September - December 2018
Annual Collection System SSES and Replacements/ Rehabilitation	\$230,000	January - December 2016	US 231 North Pump Station No.2 Force Main ³	\$60,000	Feb-19
North Gallatin Road SSES and Replacement and/or Rehabilitation	\$275,000	February – April 2016	US 231 North Pump Station No.2 ³	\$360,000	March – May 2019
KY 980 Pump Station Pump Replacement	\$75,000	May-16	US 231 North Pump Station No.3 Force Main ³	\$125,000	June – July 2019
Wastewater Treatment Plant Improvements No.5	\$378,000	June – September 2016	US 231 North Pump Station No.3 ³	\$390,000	August – October 2019
Annual Collection System SSES and Replacements/ Rehabilitation	\$230,000	January - December 2017	Burnley Road Sewer Line Extension	\$740,000	January – May 2021
Oliver Street Pump Station Replacement	\$235,000	July – September 2017	31E North Pump Station Expansion ⁴	\$240,000	March – May 2021
SumitOMO Pump Station Rehabilitation	\$180,000	October – November 2017	Baptist Hollow Pump Station Expansion ⁴	\$290,000	February - April 2022
Wastewater Treatment Plant Improvements No.6	\$1,062,000	March – September 2017			
Total	\$3,672,000		Total	\$4,975,000	

Phase 2 Proposed Rate Schedule (4-6 Years, 2015 - 2017)

Total Project Cost	\$3,672,000
Annual Debt Service (Includes 0.2% Administrative Fee) 20 years @ 1.2%	\$207,607
Current number of customers = 1,630	
Future number of customers (Assume 0.9% growth annually)	1,720
Rate after Phase 1 Increase (for 4,000 gallons/month)	\$39.51
Proposed rate increase (for 4,000 gallons/month)	\$10.06
Percent Increase	25.5%
Proposed rate (for 4,000 gallons/month)	\$49.57

Capital Improvements Plan
 Scottsville Asset Inventory Report Phase 3 Proposed Projects
 City of Scottsville, KY

Phase 3 Proposed Projects (7-10 Years, 2018 - 2022)

Existing Infrastructure Projects			Growth-Driven Projects		
Project Title	Cost Estimate	Schedule	Project Title	Cost Estimate	Schedule
Annual Collection System SSES and Replacements/ Rehabilitation	\$230,000	January - December 2018			
Old Glasgow Road SSES and Replacement and/or Rehabilitation	\$415,000	January – April 2018			
Annual Collection System SSES and Replacements/ Rehabilitation	\$230,000	January - December 2019			
Annual Collection System SSES and Replacements/ Rehabilitation	\$230,000	January - December 2020			
Allen County Schools Pump Station Pump Replacement	\$45,000	January-20			
Highway 98 Pump Station Replacement	\$225,000	February-20			
Maxwell Drive Pump Station Pump Replacement	\$45,000	March – May 2020			
Wastewater Treatment Plant Improvements No.7	\$10,000	July-20			
Annual Collection System SSES and Replacements/Rehabilitation	\$230,000	January - December 2021			
Woodbrier Pump Station Rehabilitation	\$145,000	June – July 2021			
Woodland Heights Pump Station Replacement	\$230,000	August – October 2021			
Wastewater Treatment Plant Improvements No.8	\$200,000	November-21			
Annual Collection System SSES and Replacements/ Rehabilitation	\$230,000	January - December 2022			
Wastewater Treatment Plant Improvements No.9	\$561,000	May – September 2022			
Total	\$3,026,000				

Phase 3 Proposed Rate Schedule (7-10 Years, 2018 - 2022)

Total Project Cost	\$3,026,000
Annual Debt Service (Includes 0.2% Administrative Fee) 20 years @ 1.2%	\$171,083
Current number of customers = 1,630	
Future number of customers (Assume 0.9% growth annually)	1,783
Rate after Phase 2 Increase (for 4,000 gallons/month)	\$49.57
Proposed rate increase (for 4,000 gallons/month)	\$8.00
Percent Increase	16.1%
Proposed rate (for 4,000 gallons/month)	\$57.57

Capital Improvements Plan
 Scottsville Asset Inventory Report Phase 4 Proposed Projects
 City of Scottsville, KY

Phase 4 Proposed Projects (10+ Years, 2022 and Beyond)

Existing Infrastructure Projects			Growth-Driven Projects		
Project Title	Cost Estimate	Schedule	Project Title	Cost Estimate	Schedule
			Projected Residential Land Use Area No.1 Sewer Line Extension ³	\$6,100,000	2022 and beyond (24 months)
			Projected Residential Land Use Area No.2 Sewer Line Extension ³	\$2,000,000	2022 and beyond (12 months)
			Projected Residential Land Use Area No.3 Sewer Line Extension ³	\$4,300,000	2022 and beyond (18 months)
			Projected Residential Land Use Area No.4 Sewer Line Extension	\$750,000	2022 and beyond (5 months)
			Projected Industrial Land Use Area ³	\$655,000	2022 and beyond (3 months)
			Projected Commercial/Industrial Land Use Area ³	\$1,500,000	2022 and beyond (9 months)
			Old Hartsville Road Sewer Replacement ³	\$500,000	2022 and beyond (4 months)
			KY 100/Old Gallatin Road Sewer Replacement ³	\$1,600,000	2022 and beyond (9 months)
			31E North PS to Baptist Hollow PS Sewer Replacement ³	\$655,000	2022 and beyond (5 months)
			W. Old State Street Pump Station No.1 Force Main ³	\$330,000	2022 and beyond (3 months)
			W. Old State Street Pump Station No.1 ³	\$475,000	2022 and beyond (4 months)
			W. Old State Street Pump Station No.2 Force Main ³	\$180,000	2022 and beyond (2 months)
			W. Old State Street Pump Station No.2 ³	\$300,000	2022 and beyond (3 months)
			N. Spring Street Pump Station Force Main ³	\$120,000	2022 and beyond (2 months)
			N. Spring Street Pump Station ³	\$265,000	2022 and beyond (3 months)
Total				\$19,730,000	